

IN THE SPECIFICATION

Please amend the Specification as follows:

Page 1, lines 6-12, rewrite this paragraph as follows:

Cardiac event recorders use acoustic transmission of recorded signals via telephone systems. An [[ECG]] electrocardiograph, also known as an electrocardiogram, ("ECG") signal is frequency modulated in the audio band of the conventional telephone line. Digital mobile telephones use special filtering techniques in order to reduce the amount of transmitted data. The filtering algorithm used can recognise a non-voice sound and suppress it. Therefore, frequency modulated ECG signals are treated by the digital mobile telephone system as a single frequency unwanted noise.

Page 2, between lines 14-15 (immediately below the heading "BEST MODE OF CARRYING OUT THE INVENTION"), insert the following paragraph:

The method of the present invention, for transmitting frequency modulated data signals over a digital mobile telephone network, preferably includes the steps of (a) generating a pseudo random sequence having a frequency band which does not overlap the frequency band of the frequency modulated data signals; and (b) mixing the generated pseudo random sequence with the frequency modulated data signals to produce frequency modulated data signals with more than one frequency. The frequency modulated data signals having more

than one frequency is achieved by generating a pseudo random sequence, which does not overlap the frequency band of the FM data signals, and mixing the sequence with the original data frequency modulated signals. Most preferably, the produced frequency modulated data signals having more than one frequency are also modulated in amplitude.

Page 2, lines 19-22, rewrite this paragraph as follows:
Resistor R1 of the push-pull speaker driver 12 limits the current [[form]] from the output of the CPU 11 while the PRS signal is also applied to the speaker via the resistor R2. The signals FM ECG 1 and PRS are mixed at the speaker which allows for the amplitude modulation of the FM ECG 1 - FM ECG 2 signal by the lower frequency PRS signal.